

2014 Consumer Confidence Report

Water System Name: J M EAGLE (WS)

Report Date: June 2015

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2014.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alguien que lo entienda bien.

Type of water source(s) in use: This info is not available, as this water system does not have a completed assessment on file. Please see the Drinking Water Source Assessment Information section located at the end of this report for more details.

Your water comes from 2 source(s): #2 Well New - MIDDLE WELL and Well-EAST

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings currently are not held. All employees are kept current on any changes, or issues that may affect our drinking water.

For more information about this report, or any questions relating to your drinking water, please call (209) 838 - 7842 and ask for Quality Service, Inc. or visit our website at www.jmeagle.com.

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

Public Health Goal (PHG): The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Primary Drinking Water Standards (PDWS): MCLs and MRDLs for the contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): MCLs for the contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

ND: not detectable at testing limit

ppm: parts per million or milligrams per liter (mg/L)

ppb: parts per billion or micrograms per liter (µg/L)

pCi/L: picocuries per liter (a measure of radiation)

The sources of drinking water: (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants*, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants*, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides*, that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants*, that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the USEPA and the California Department of Public Health (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4 and 5 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The Department allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER						
Lead and Copper (complete if lead or copper detected in last sample set)	Sample Date	90th percentile level detected	No. Sites Exceeding AL	AL	PHG	Typical Sources of Contaminant
Lead (ppb)	5 (2013)	12	1	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	5 (2013)	0.07	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 2 - SAMPLING RESULTS FOR SODIUM AND HARDNESS						
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Sodium (ppm)	(2009)	34	N/A	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	(2009)	154	N/A	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 3 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Sources of Contaminant
Arsenic (ppb)	(2014)	9	7 - 10	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes

Barium (ppm)	(2009 - 2012)	0.13	0.11 - 0.14	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Nitrate (ppm)	(2010 - 2014)	4.9	ND - 9.8	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2007 - 2012)	2.01	1.33 - 2.71	15	(0)	Erosion of natural deposits.

Table 4 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Chloride (ppm)	(2009)	56	N/A	500	n/a	Runoff/leaching from natural deposits; seawater influence
Iron (ppb)	(2009)	520	N/A	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ppb)	(2009)	110	N/A	50	n/a	Leaching from natural deposits
Specific Conductance (umhos/cm)	(2009)	463	N/A	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (ppm)	(2009)	33	N/A	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	(2009)	260	N/A	1000	n/a	Runoff/leaching from natural deposits

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 5 - DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Boron (ppm)	(2009)	0.1	N/A	1	The babies of some pregnant women who drink water containing boron in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.
Vanadium (ppm)	(2009 - 2012)	0.01	N/A	0.05	The babies of some pregnant women who drink water containing vanadium in excess of the action level may have an increased risk of developmental effects, based on studies in laboratory animals.

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead Specific Language for Community Water Systems: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with the service lines and home plumbing. *JM Eagle Water System* is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water

has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

About our Lead: Infants and children who drink water containing lead in excess of the action level may experience delays in their physical or mental development. Children may show slight deficits in attention span and learning abilities. Adults who drink this water over many years may develop kidney problems or high blood pressure.

About our Iron: Iron was found at levels that exceed the secondary MCL. The Iron MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.

About our Manganese: Manganese was found at levels that exceed the secondary MCL. The Manganese MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.

2014 Consumer Confidence Report Drinking Water Assessment Information

JM Eagle Water System

Analytical Results By FGL - 2014

LEAD AND COPPER RULE								
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile
Lead		ppb	0	15	0.2			12.4
CuPb-Back Break Room	STK1337895-2	ppb				2013-08-02	ND	
CuPb-Womans Room (Office)	STK1337895-3	ppb				2013-08-02	ND	
CuPb-Womens Locker Room	STK1337895-5	ppb				2013-08-02	24.8	
Men's Back Locker Room	STK1337895-1	ppb				2013-08-02	ND	
Men's Room (Office)	STK1337895-4	ppb				2013-08-06	ND	
Copper		ppm		1.3	.3			0.07
CuPb-Back Break Room	STK1337895-2	ppm				2013-08-02	0.07	
CuPb-Womans Room (Office)	STK1337895-3	ppm				2013-08-02	ND	
CuPb-Womens Locker Room	STK1337895-5	ppm				2013-08-02	0.06	
Men's Back Locker Room	STK1337895-1	ppm				2013-08-02	ND	
Men's Room (Office)	STK1337895-4	ppm				2013-08-06	0.07	

SAMPLING RESULTS FOR SODIUM AND HARDNESS								
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)
Sodium		ppm		none	none			34
Well-EAST	STK0938839-1	ppm				2009-09-25	34	34 - 34
Hardness		ppm		none	none			154
Well-EAST	STK0938839-1	ppm				2009-09-25	154	154 - 154

PRIMARY DRINKING WATER STANDARDS (PDWS)								
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)
Arsenic		ppb		10	0.004			9
Drinking Fountain	STK1452921-1	ppb				2014-12-22	7	
Drinking Fountain	STK1452023-1	ppb				2014-11-25	10	
Drinking Fountain	STK1450964-1	ppb				2014-10-27	9	
Drinking Fountain	STK1439563-1	ppb				2014-09-22	10	
Drinking Fountain	STK1438597-1	ppb				2014-08-25	9	
Drinking Fountain	STK1437434-1	ppb				2014-07-28	9	
Drinking Fountain	STK1436192-1	ppb				2014-06-23	9	
Drinking Fountain	STK1434959-1	ppb				2014-05-27	7	
Drinking Fountain	STK1433808-1	ppb				2014-04-24	8	
Drinking Fountain	STK1432573-1	ppb				2014-03-24	8	
Drinking Fountain	STK1431588-1	ppb				2014-02-24	9	
Drinking Fountain	STK1430793-1	ppb				2014-01-27	10	
Barium		ppm	2	1	2			0.13
#2 Well New - MIDDLE WELL	STK0936648-1	ppm				2009-07-22	0.11	
Well-EAST	STK1238151-1	ppm				2012-08-27	0.14	
Nitrate		ppm		45	45			4.9
#2 Well New - MIDDLE WELL	STK1036190-1	ppm				2010-07-14	ND	
Well-EAST	STK1438599-1	ppm				2014-08-25	9.8	
Gross Alpha		pCi/L		15	(0)			2.01
#2 Well New - MIDDLE WELL	STK0735033-1	pCi/L				2007-06-08	1.33	
#2 Well New - MIDDLE WELL	STK0732019-1	pCi/L				2007-03-02	1.99	
Well-EAST	STK1230817-1	pCi/L				2012-01-26	2.71	

SECONDARY DRINKING WATER STANDARDS (SDWS)								
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)
Chloride		ppm		500	n/a			56
Well-EAST	STK0938839-1	ppm				2009-09-25	56	

Iron		ppb		300	n/a			520	520 - 520
Well-EAST	STK0938839-1	ppb				2009-09-25	520		
Manganese		ppb		50	n/a			110	110 - 110
Well-EAST	STK0938839-1	ppb				2009-09-25	110		
Specific Conductance		umhos/cm		1600	n/a			463	463 - 463
Well-EAST	STK0938839-1	umhos/cm				2009-09-25	463		
Sulfate		ppm		500	n/a			33	33 - 33
Well-EAST	STK0938839-1	ppm				2009-09-25	33		
Total Dissolved Solids		ppm		1000	n/a			260	260 - 260
Well-EAST	STK0938839-1	ppm				2009-09-25	260		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		ppm		NS	n/a			0.1	0.1 - 0.1
Well-EAST	STK0938839-1	ppm				2009-09-25	0.1		
Vanadium		ppm		NS	n/a			0.01	0.01 - 0.01
#2 Well New - MIDDLE WELL	STK0936648-1	ppm				2009-07-22	0.01		
Well-EAST	STK1238151-1	ppm				2012-08-27	0.01		

JM Eagle Water System

CCR Login Linkage - 2014

FGL Code	Lab ID	Date Sampled	Method	Description	Property
#2 Middle Well	STK0732019-1	2007-03-02	Radio Chemistry	#2 Well New - MIDDLE WELL	Radio Monitoring
	STK0735033-1	2007-06-08	Radio Chemistry	#2 Well New - MIDDLE WELL	Radio Monitoring
New Well	STK0936648-1	2009-07-22	Metals, Total	#2 Well New - MIDDLE WELL	3 Year Monitoring
	STK1036190-1	2010-07-14	Wet Chemistry	#2 Well New - MIDDLE WELL	J-M Manufacturing
Back Break Room	STK1337895-2	2013-08-02	Metals, Total	CuPb-Back Break Room	Copper & Lead Monitoring
Woman's Room (O	STK1337895-3	2013-08-02	Metals, Total	CuPb-Womans Room (Office)	Copper & Lead Monitoring
W's LOCKER RM	STK1337895-5	2013-08-02	Metals, Total	CuPb-Womens Locker Room	Copper & Lead Monitoring
DRINK FOUNT	STK1430793-1	2014-01-27	Metals, Total	Drinking Fountain	Arsenic Monitoring
	STK1431588-1	2014-02-24	Metals, Total	Drinking Fountain	Arsenic Monitoring
	STK1432573-1	2014-03-24	Metals, Total	Drinking Fountain	Arsenic Monitoring
	STK1433808-1	2014-04-24	Metals, Total	Drinking Fountain	Arsenic Monitoring
	STK1434959-1	2014-05-27	Metals, Total	Drinking Fountain	Arsenic Monitoring
	STK1436192-1	2014-06-23	Metals, Total	Drinking Fountain	Arsenic Monitoring
	STK1437434-1	2014-07-28	Metals, Total	Drinking Fountain	Arsenic Monitoring
	STK1438597-1	2014-08-25	Metals, Total	Drinking Fountain	Arsenic Monitoring
	STK1439563-1	2014-09-22	Metals, Total	Drinking Fountain	Arsenic Monitoring
	STK1450964-1	2014-10-27	Metals, Total	Drinking Fountain	Arsenic Monitoring
	STK1452023-1	2014-11-25	Metals, Total	Drinking Fountain	Arsenic Monitoring
	STK1452921-1	2014-12-22	Metals, Total	Drinking Fountain	Arsenic Monitoring
Mens Room Sink	STK1430792-1	2014-01-27	Coliform	Mens Room Sink	Bacteriological Sampling
	STK1431589-1	2014-02-24	Coliform	Mens Room Sink	Bacteriological Sampling
	STK1432572-1	2014-03-24	Coliform	Mens Room Sink	Bacteriological Sampling
	STK1433807-1	2014-04-24	Coliform	Mens Room Sink	Bacteriological Sampling
	STK1434960-1	2014-05-27	Coliform	Mens Room Sink	Bacteriological Sampling
	STK1436191-1	2014-06-23	Coliform	Mens Room Sink	Bacteriological Sampling
	STK1437435-1	2014-07-28	Coliform	Mens Room Sink	Bacteriological Sampling
	STK1438598-1	2014-08-25	Coliform	Mens Room Sink	Bacteriological Sampling
	STK1439562-1	2014-09-22	Coliform	Mens Room Sink	Bacteriological Sampling
	STK1450965-1	2014-10-27	Coliform	Mens Room Sink	Bacteriological Sampling
	STK1452022-1	2014-11-25	Coliform	Mens Room Sink	Bacteriological Sampling
	STK1452920-1	2014-12-22	Coliform	Mens Room Sink	Bacteriological Sampling
Men's Back Lock	STK1337895-1	2013-08-02	Metals, Total	Men's Back Locker Room	Copper & Lead Monitoring
Men's Room (Off	STK1337895-4	2013-08-06	Metals, Total	Men's Room (Office)	Copper & Lead Monitoring
East Well	STK0938839-1	2009-09-25	General Mineral	Well-EAST	East Well Monitoring
	STK1230817-1	2012-01-26	Radio Chemistry	Well-EAST	East Well Radio Monitoring
	STK1238151-1	2012-08-27	Metals, Total	Well-EAST	East Well Monitoring
	STK1438599-1	2014-08-25	Wet Chemistry	Well-EAST	East Well Monitoring